

# 2022 Stellantis Product Info



## 2022 Ram 1500 TOWING CHARTS

### RAM 1500 4X2 QUAD CAB: TRADESMAN 6'4" BOX

| Engine                | Transmission | SRW/<br>DRW | Axle<br>Ratio | GVWR | Payload | Base<br>Weight<br>Total | Base<br>Weight<br>Front | Base<br>Weight<br>Rear | GAWR<br>Front | GAWR<br>Rear | GCW    | GCWR   | Max.<br>Trailer<br>Weight<br>Rating |
|-----------------------|--------------|-------------|---------------|------|---------|-------------------------|-------------------------|------------------------|---------------|--------------|--------|--------|-------------------------------------|
| 3.6L V-6              | A8 850RE     | SRW         | 3.55          | 7100 | 2300    | 4770.82                 | 2715.36                 | 2055.45                | 3,700         | 4,100        | 12,900 | 12,900 | 7,690                               |
| 3.0L V-6<br>ECODIESEL | A8 8HP75     | SRW         | 3.21          | 7200 | 2090    | 5111.75                 | 3022.55                 | 2089.20                | 3,700         | 4,100        | 13,900 | 13,900 | 8,310                               |
| 3.0L V-6<br>ECODIESEL | A8 8HP75     | SRW         | 3.92          | 7200 | 2090    | 5111.75                 | 3022.55                 | 2089.20                | 3,700         | 4,100        | 15,600 | 15,600 | 10,010                              |
| 3.0L V-6<br>ECODIESEL | A8 8HP75     | SRW         | 3.92          | 7200 | 2090    | 5111.75                 | 3022.55                 | 2089.20                | 3,700         | 4,100        | 18,250 | 18,250 | 12,560                              |
| 5.7L V-8<br>HEMI      | A8 8HP75     | SRW         | 3.21          | 6900 | 1840    | 5056.24                 | 2964.59                 | 2091.64                | 3,700         | 4,100        | 13,900 | 13,900 | 8,450                               |
| 5.7L V-8<br>HEMI®     | A8 8HP75     | SRW         | 3.21          | 6900 | 1930    | 4967.04                 | 2897.24                 | 2069.80                | 3,700         | 4,100        | 13,900 | 13,900 | 8,490                               |
| 5.7L V-8<br>HEMI      | A8 8HP75     | SRW         | 3.92          | 6900 | 1840    | 5056.24                 | 2964.59                 | 2091.64                | 3,700         | 4,100        | 17,000 | 17,000 | 11,560                              |
| 5.7L V-8<br>HEMI      | A8 8HP75     | SRW         | 3.92          | 6900 | 1930    | 4967.04                 | 2897.24                 | 2069.80                | 3,700         | 4,100        | 17,000 | 17,000 | 11,590                              |
| 5.7L V-8<br>HEMI      | A8 8HP75     | SRW         | 3.92          | 6900 | 1840    | 5056.24                 | 2964.59                 | 2091.64                | 3,700         | 4,100        | 18,350 | 18,350 | 12,750                              |

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## RAM 1500 4X2 CREW CAB: TRADESMAN 6'4" BOX

| Engine                | Transmission | SRW/<br>DRW | Axle<br>Ratio | GVWR | Payload | Base<br>Weight<br>Total | Base<br>Weight<br>Front | Base<br>Weight<br>Rear | GAWR<br>Front | GAWR<br>Rear | GCW    | GCWR   | Max.<br>Trailer<br>Weight<br>Rating |
|-----------------------|--------------|-------------|---------------|------|---------|-------------------------|-------------------------|------------------------|---------------|--------------|--------|--------|-------------------------------------|
| 3.6L V-6              | A8 850RE     | SRW         | 3.21          | 6900 | 1990    | 4910.04                 | 2797.76                 | 2112.28                | 3,700         | 4,100        | 11,900 | 11,900 | 6,490                               |
| 3.6L V-6              | A8 850RE     | SRW         | 3.55          | 6900 | 1990    | 4910.04                 | 2797.76                 | 2112.28                | 3,700         | 4,100        | 12,900 | 12,900 | 7,490                               |
| 3.0L V-6<br>ECODIESEL | A8 8HP75     | SRW         | 3.21          | 7000 | 1770    | 5232.96                 | 3107.32                 | 2125.64                | 3,700         | 4,100        | 13,900 | 13,900 | 8,130                               |
| 3.0L V-6<br>ECODIESEL | A8 8HP75     | SRW         | 3.92          | 7000 | 1770    | 5232.96                 | 3107.32                 | 2125.64                | 3,700         | 4,100        | 15,600 | 15,600 | 9,830                               |
| 5.7L V-8<br>HEMI      | A8 8HP75     | SRW         | 3.21          | 6900 | 1710    | 5188.30                 | 3056.76                 | 2131.54                | 3,700         | 4,100        | 13,900 | 13,900 | 8,210                               |
| 5.7L V-8<br>HEMI      | A8 8HP75     | SRW         | 3.21          | 6900 | 1810    | 5096.70                 | 2994.28                 | 2102.43                | 3,700         | 4,100        | 13,900 | 13,900 | 8,440                               |
| 5.7L V-8<br>HEMI      | A8 8HP75     | SRW         | 3.92          | 6900 | 1710    | 5188.30                 | 3056.76                 | 2131.54                | 3,700         | 4,100        | 17,000 | 17,000 | 11,310                              |
| 5.7L V-8<br>HEMI      | A8 8HP75     | SRW         | 3.92          | 6900 | 1810    | 5096.70                 | 2994.28                 | 2102.43                | 3,700         | 4,100        | 17,000 | 17,000 | 11,540                              |

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## RAM 1500 4X2 CREW CAB: TRADESMAN 5'7" BOX

| Engine                | Transmission | SRW/<br>DRW | Axle<br>Ratio | GVWR | Payload | Base<br>Weight<br>Total | Base<br>Weight<br>Front | Base<br>Weight<br>Rear | GAWR<br>Front | GAWR<br>Rear | GCW    | GCWR   | Max.<br>Trailer<br>Weight<br>Rating |
|-----------------------|--------------|-------------|---------------|------|---------|-------------------------|-------------------------|------------------------|---------------|--------------|--------|--------|-------------------------------------|
| 3.6L V-6              | A8 850RE     | SRW         | 3.21          | 6900 | 2030    | 4879.44                 | 2744.47                 | 2134.97                | 3,700         | 4,100        | 11,900 | 11,900 | 6,550                               |
| 3.6L V-6              | A8 850RE     | SRW         | 3.55          | 6900 | 2030    | 4879.44                 | 2744.47                 | 2134.97                | 3,700         | 4,100        | 12,900 | 12,900 | 7,550                               |
| 3.0L V-6<br>ECODIESEL | A8 8HP75     | SRW         | 3.21          | 7000 | 1800    | 5202.35                 | 3051.98                 | 2150.37                | 3,700         | 4,100        | 13,900 | 13,900 | 8,110                               |
| 3.0L V-6<br>ECODIESEL | A8 8HP75     | SRW         | 3.92          | 7000 | 1800    | 5202.35                 | 3051.98                 | 2150.37                | 3,700         | 4,100        | 15,600 | 15,600 | 9,810                               |
| 5.7L V-8<br>HEMI      | A8 8HP75     | SRW         | 3.21          | 6900 | 1760    | 5136.98                 | 2983.94                 | 2153.04                | 3,700         | 4,100        | 13,900 | 13,900 | 8,200                               |
| 5.7L V-8<br>HEMI      | A8 8HP75     | SRW         | 3.21          | 6900 | 1840    | 5053.07                 | 2928.22                 | 2124.86                | 3,700         | 4,100        | 13,900 | 13,900 | 8,420                               |
| 5.7L V-8<br>HEMI      | A8 8HP75     | SRW         | 3.92          | 6900 | 1760    | 5136.98                 | 2983.94                 | 2153.04                | 3,700         | 4,100        | 17,000 | 17,000 | 11,300                              |
| 5.7L V-8<br>HEMI      | A8 8HP75     | SRW         | 3.92          | 6900 | 1840    | 5053.07                 | 2928.22                 | 2124.86                | 3,700         | 4,100        | 17,000 | 17,000 | 11,520                              |

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## RAM 1500 4X4 QUAD CAB: TRADESMAN 6'4" BOX

| Engine                | Transmission | SRW/<br>DRW | Axle<br>Ratio | GVWR | Payload | Base<br>Weight<br>Total | Base<br>Weight<br>Front | Base<br>Weight<br>Rear | GAWR<br>Front | GAWR<br>Rear | GCW    | GCWR   | Max.<br>Trailer<br>Weight<br>Rating |
|-----------------------|--------------|-------------|---------------|------|---------|-------------------------|-------------------------|------------------------|---------------|--------------|--------|--------|-------------------------------------|
| 3.6L V-6              | A8 850RE     | SRW         | 3.21          | 6800 | 1830    | 4970.07                 | 2879.30                 | 2090.77                | 3,900         | 4,100        | 11,900 | 11,900 | 6,500                               |
| 3.6L V-6              | A8 850RE     | SRW         | 3.55          | 6800 | 1830    | 4970.07                 | 2879.30                 | 2090.77                | 3,900         | 4,100        | 12,900 | 12,900 | 7,500                               |
| 3.0L V-6<br>ECODIESEL | A8 8HP75     | SRW         | 3.21          | 7100 | 1820    | 5285.28                 | 3179.60                 | 2105.68                | 3,900         | 4,100        | 13,900 | 13,900 | 7,800                               |
| 3.0L V-6<br>ECODIESEL | A8 8HP75     | SRW         | 3.92          | 7100 | 1820    | 5285.28                 | 3179.60                 | 2105.68                | 3,900         | 4,100        | 15,600 | 15,600 | 9,700                               |
| 5.7L V-8<br>HEMI      | A8 8HP75     | SRW         | 3.21          | 7100 | 1840    | 5250.79                 | 3136.68                 | 2114.11                | 3,900         | 4,100        | 13,900 | 13,900 | 8,200                               |
| 5.7L V-8<br>HEMI      | A8 8HP75     | SRW         | 3.21          | 7100 | 1940    | 5164.79                 | 3073.99                 | 2090.80                | 3,900         | 4,100        | 13,900 | 13,900 | 8,240                               |
| 5.7L V-8<br>HEMI      | A8 8HP75     | SRW         | 3.92          | 7100 | 1840    | 5250.79                 | 3136.68                 | 2114.11                | 3,900         | 4,100        | 17,000 | 17,000 | 11,300                              |
| 5.7L V-8<br>HEMI      | A8 8HP75     | SRW         | 3.92          | 7100 | 1940    | 5164.79                 | 3073.99                 | 2090.80                | 3,900         | 4,100        | 17,000 | 17,000 | 11,340                              |

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## RAM 1500 4X4 CREW CAB: TRADESMAN 6'4" BOX

| Engine                | Transmission | SRW/<br>DRW | Axle<br>Ratio | GVWR | Payload | Base<br>Weight<br>Total | Base<br>Weight<br>Front | Base<br>Weight<br>Rear | GAWR<br>Front | GAWR<br>Rear | GCW    | GCWR   | Max.<br>Trailer<br>Weight<br>Rating |
|-----------------------|--------------|-------------|---------------|------|---------|-------------------------|-------------------------|------------------------|---------------|--------------|--------|--------|-------------------------------------|
| 3.6L V-6              | A8 850RE     | SRW         | 3.21          | 6900 | 1790    | 5107.04                 | 2975.76                 | 2131.28                | 3,900         | 4,100        | 11,900 | 11,900 | 6,120                               |
| 3.6L V-6              | A8 850RE     | SRW         | 3.55          | 6900 | 1790    | 5107.04                 | 2975.76                 | 2131.28                | 3,900         | 4,100        | 12,900 | 12,900 | 7,120                               |
| 3.0L V-6<br>ECODIESEL | A8 8HP75     | SRW         | 3.21          | 7200 | 1740    | 5454.52                 | 3288.36                 | 2166.16                | 3,900         | 4,100        | 13,900 | 13,900 | 7,760                               |
| 3.0L V-6<br>ECODIESEL | A8 8HP75     | SRW         | 3.92          | 7200 | 1740    | 5454.52                 | 3288.36                 | 2166.16                | 3,900         | 4,100        | 15,600 | 15,600 | 9,460                               |
| 5.7L V-8<br>HEMI      | A8 8HP75     | SRW         | 3.21          | 7100 | 1710    | 5397.44                 | 3224.77                 | 2172.66                | 3,900         | 4,100        | 13,900 | 13,900 | 7,800                               |
| 5.7L V-8<br>HEMI      | A8 8HP75     | SRW         | 3.21          | 7100 | 1800    | 5303.47                 | 3163.26                 | 2140.21                | 3,900         | 4,100        | 13,900 | 13,900 | 8,210                               |
| 5.7L V-8<br>HEMI      | A8 8HP75     | SRW         | 3.92          | 7100 | 1710    | 5397.44                 | 3224.77                 | 2172.66                | 3,900         | 4,100        | 17,000 | 17,000 | 10,900                              |
| 5.7L V-8<br>HEMI      | A8 8HP75     | SRW         | 3.92          | 7100 | 1800    | 5303.47                 | 3163.26                 | 2140.21                | 3,900         | 4,100        | 17,000 | 17,000 | 11,310                              |

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## RAM 1500 4X4 CREW CAB: TRADESMAN 5'7" BOX

| Engine                | Transmission | SRW/<br>DRW | Axle<br>Ratio | GVWR | Payload | Base<br>Weight<br>Total | Base<br>Weight<br>Front | Base<br>Weight<br>Rear | GAWR<br>Front | GAWR<br>Rear | GCW    | GCWR   | Max.<br>Trailer<br>Weight<br>Rating |
|-----------------------|--------------|-------------|---------------|------|---------|-------------------------|-------------------------|------------------------|---------------|--------------|--------|--------|-------------------------------------|
| 3.6L V-6              | A8 850RE     | SRW         | 3.21          | 6900 | 1840    | 5063.29                 | 2904.63                 | 2158.66                | 3,900         | 4,100        | 11,900 | 11,900 | 6,320                               |
| 3.6L V-6              | A8 850RE     | SRW         | 3.55          | 6900 | 1840    | 5063.29                 | 2904.63                 | 2158.66                | 3,900         | 4,100        | 12,900 | 12,900 | 7,320                               |
| 3.0L V-6<br>ECODIESEL | A8 8HP75     | SRW         | 3.21          | 7200 | 1820    | 5370.52                 | 3205.62                 | 2164.91                | 3,900         | 4,100        | 13,900 | 13,900 | 7,900                               |
| 3.0L V-6<br>ECODIESEL | A8 8HP75     | SRW         | 3.92          | 7200 | 1820    | 5370.52                 | 3205.62                 | 2164.91                | 3,900         | 4,100        | 15,600 | 15,600 | 9,600                               |
| 5.7L V-8<br>HEMI      | A8 8HP75     | SRW         | 3.21          | 7100 | 1800    | 5305.83                 | 3140.65                 | 2165.18                | 3,900         | 4,100        | 13,900 | 13,900 | 8,100                               |
| 5.7L V-8<br>HEMI      | A8 8HP75     | SRW         | 3.21          | 7100 | 1860    | 5246.04                 | 3102.01                 | 2144.03                | 3,900         | 4,100        | 13,900 | 13,900 | 8,170                               |
| 5.7L V-8<br>HEMI      | A8 8HP75     | SRW         | 3.92          | 7100 | 1800    | 5305.83                 | 3140.65                 | 2165.18                | 3,900         | 4,100        | 17,000 | 17,000 | 11,200                              |
| 5.7L V-8<br>HEMI      | A8 8HP75     | SRW         | 3.92          | 7100 | 1860    | 5246.04                 | 3102.01                 | 2144.03                | 3,900         | 4,100        | 17,000 | 17,000 | 11,270                              |

## RAM 1500 4X2 QUAD CAB: HFE 6'4" BOX

| Engine   | Transmission | SRW/<br>DRW | Axle<br>Ratio | GVWR | Payload | Base<br>Weight<br>Total | Base<br>Weight<br>Front | Base<br>Weight<br>Rear | GAWR<br>Front | GAWR<br>Rear | GCW    | GCWR   | Max.<br>Trailer<br>Weight<br>Rating |
|----------|--------------|-------------|---------------|------|---------|-------------------------|-------------------------|------------------------|---------------|--------------|--------|--------|-------------------------------------|
| 3.6L V-6 | A8 850RE     | SRW         | 3.21          | 6010 | 1240    | 4768.99                 | 2720.33                 | 2048.66                | 3,700         | 4,100        | 11,900 | 11,900 | 6,760                               |

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## RAM 1500 4X2 CREW CAB: HFE 5'7" BOX

| Engine                | Transmission | SRW/<br>DRW | Axle<br>Ratio | GVWR | Payload | Base<br>Weight<br>Total | Base<br>Weight<br>Front | Base<br>Weight<br>Rear | GAWR<br>Front | GAWR<br>Rear | GCW    | GCWR   | Max.<br>Trailer<br>Weight<br>Rating |
|-----------------------|--------------|-------------|---------------|------|---------|-------------------------|-------------------------|------------------------|---------------|--------------|--------|--------|-------------------------------------|
| 3.0L V-6<br>ECODIESEL | A8 8HP75     | SRW         | 3.21          | 6990 | 1750    | 5244.21                 | 3057.72                 | 2186.49                | 3,700         | 4,100        | 13,900 | 13,900 | 8,290                               |

## RAM 1500 4X4 CREW CAB: TRX 5'7" BOX

| Engine                         | Transmission | SRW/<br>DRW | Axle<br>Ratio | GVWR | Payload | Base<br>Weight<br>Total | Base<br>Weight<br>Front | Base<br>Weight<br>Rear | GAWR<br>Front | GAWR<br>Rear | GCW    | GCWR   | Max.<br>Trailer<br>Weight<br>Rating |
|--------------------------------|--------------|-------------|---------------|------|---------|-------------------------|-------------------------|------------------------|---------------|--------------|--------|--------|-------------------------------------|
| 6.2L<br>SUPER<br>CHARGED<br>V8 | A8 8HP75     | SRW         | 3.55          | 7800 | 1310    | 6430.21                 | 3690.17                 | 2740.05                | 4,300         | 4,200        | 15,160 | 15,160 | 8,100                               |

### NOTES

1. Payload and Max Trailer Weights are ESTIMATED values.
2. All weights are shown in pounds unless otherwise stated.
3. Payload and Max Trailer Weight values are rounded to the nearest 10 lb.
4. Payload = GVWR – Base Weight.
5. Trailer Weight Rating and Tow Vehicle Trailering Weight are calculated as specified in SAE J2807.
  - o Passenger Weight = 300 lb.
  - o Options Weight is option content above 33 percent of sales volume.
  - o Trailer equipment weight = Class IV receiver hitch is 11.1 lb. (if not already included in options weight).
  - o Trailer Hitch is 10 lb. if TWR is less or equal to 5,000 lb. and 65 lb. if TWR is greater than 5,000 lb.
6. Payload and Trailer Weight Rating are mutually exclusive.
7. GAWRs, GVWRs and GCWRs should never be exceeded.
8. The recommended tongue weight for a conventional hitch is 10 percent of the gross trailer weight. The maximum tongue weight for Class IV receiver hitch is limited to 1100 lb.
9. Weight Distributing Hitch is recommended for trailers over 5,000 lb.

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## WEIGHT TERM DEFINITIONS

### 33% Option Weight

Combined weight of all production installed options that have a projected sales volume of more than 33% and comply with EPA rules.

### Axle Ratio

The ratio between the driveshaft rpm and axle shaft rpm. The axle ratio is critical in the operation of the transmission/driveshaft/axle system that transmits engine torque to the driving wheels.

### Base Weight

The weight of a standard equipped sales unit (vehicle line, body style, GVWR, engine, transmission & electrification) with full quantities of fuel, lubricant & coolant.

### Gross Axle Weight Rating (GAWR)

The maximum weight to be carried by a single axle (front or rear).

### Gross Combined Weight Rating (GCWR)

The maximum allowable weight of the towing vehicle and the loaded trailer – including all cargo and passengers – that the vehicle can handle without risking damage.

### Gross Vehicle Weight Rating (GVWR)

The maximum allowable weight of the fully loaded vehicle.

### Payload

The combined maximum allowable weight of options, cargo and passengers that the truck is designed to carry.

### Tongue Weight

The weight a conventional trailer puts on the back of a tow vehicle. 10 percent of the trailer weight recommended for a conventional hitch trailer and 15 percent recommended for a gooseneck or fifth wheel trailer.

### Trailer Weight Rating (TWR)

The maximum allowable weight of a trailer plus cargo that a vehicle configuration can handle.

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